



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Labrador & Fundora Corporation**

**dba V & V Windows**

**2355 W 4th Ave**

**Hialeah, FL 33010-1454**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "300" Aluminum Fixed Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. W13-11, titled "Series 300 Aluminum Fixed Window (L.M.I.)", sheets 1 through 3 of 3, dated 04/11/13 with revision "C" dated 07/28/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 13-0529.24 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P. E.**



*MP*  
7/8/15

NOA No. 15-0209.08  
Expiration Date: August 22, 2018  
Approval Date: August 13, 2015  
Page 1

**Labrador & Fundora Corporation dba V & V Windows**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under previous NOA No. 13-0529.24)*
2. Drawing No. W13-11, titled "Series 300 Aluminum Fixed Window (L.M.I.)", sheets 1 through 3 of 3, dated 04/11/13 with revision "C" dated 07/28/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-11-3337, dated 04/29/13, signed and sealed by Rafael E. Droz-Seda, P. E.  
*(Submitted under previous NOA No. 13-0529.24)*
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-11-3338, dated 04/29/13, signed and sealed by Rafael E. Droz-Seda, P. E.  
*(Submitted under previous NOA No. 13-0529.24)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC 5<sup>th</sup> Edition (2014), dated 01/21/15 and 07/31/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.
2. Glazing complies with ASTM E1300-09

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 06/25/15, expiring on 07/04/18.

  
Manuel Perez, P. E.  
Product Control Examiner

NOA No. 15-0209.08

Expiration Date: August 22, 2018

Approval Date: August 13, 2015

**Labrador & Fundora Corporation dba V & V Windows**


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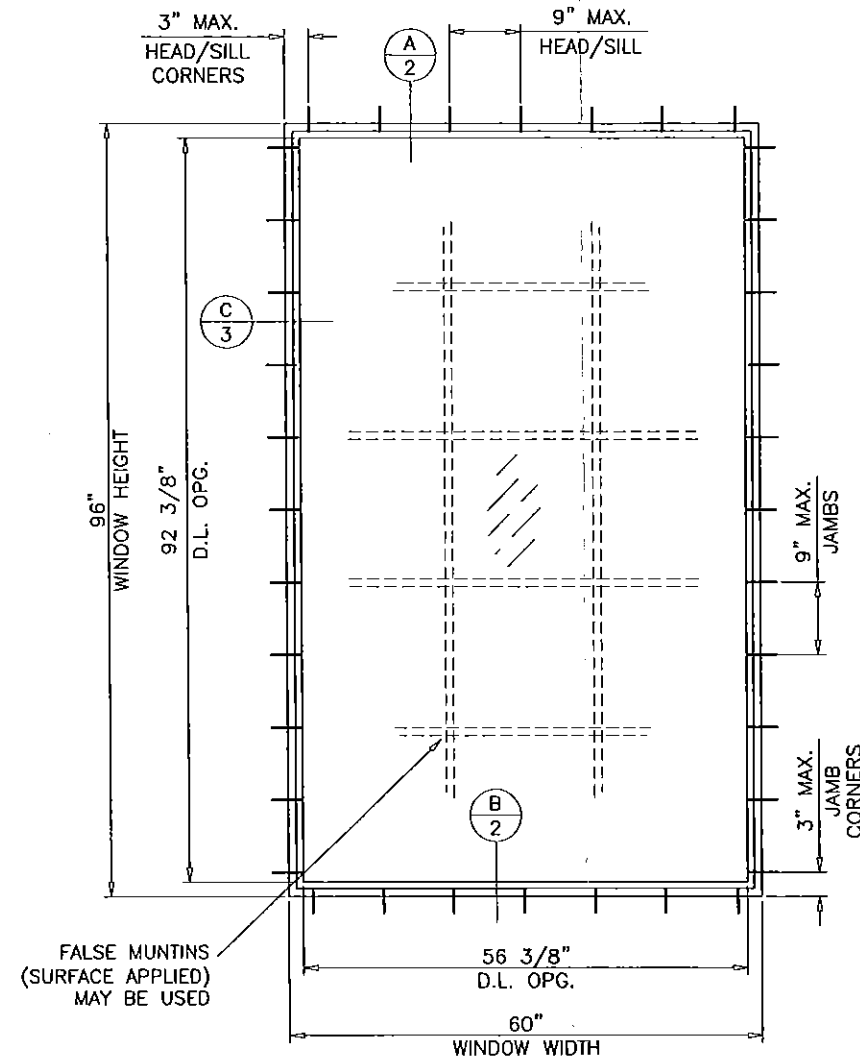
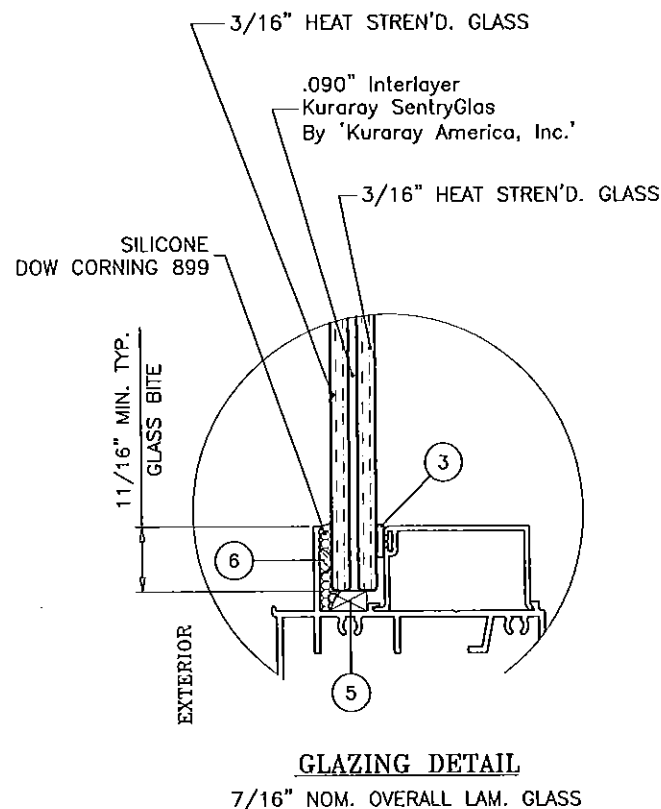
**F. STATEMENTS**

1. Statement letter of conformance to, of complying with **FBC 5<sup>th</sup> Edition (2014)** and of no financial interest, dated 01/21/15, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.
2. Laboratory compliance letters for Test Reports No.'s **HETI-11-3337** and **HETI-11-3338**, issued by Hurricane Engineering & Testing, Inc., both dated 04/29/13, signed and sealed by Rafael E. Droz-Seda, P. E.  
*(Submitted under previous NOA No. 13-0529.24)*
3. Proposal No. **10-1188** issued by Product Control, dated 11/24/10, signed by Ishaq Chanda, P. E.  
*(Submitted under previous NOA No. 13-0529.24)*

**G. OTHERS**

1. Notice of Acceptance No. **13-0529.24**, issued to Labrador & Fundora Corp. dba V & V Windows, for their Series "300 Aluminum Fixed Window - L.M.I.", approved on 08/22/13 and expiring on 08/22/18.

  
Manuel Perez, P. E.  
Product Control Examiner  
NOA No. 15-0209.08  
Expiration Date: August 22, 2018  
Approval Date: August 13, 2015

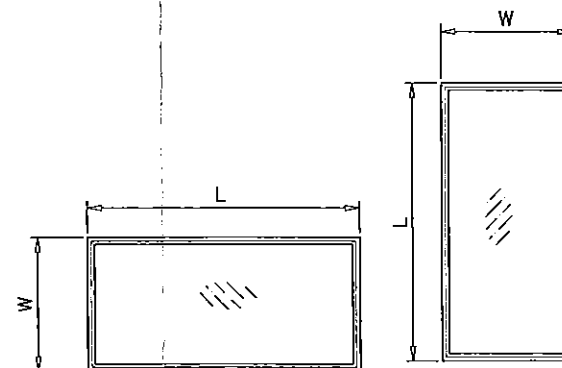


TYPICAL ELEVATIONS

DAYLIGHT OPENINGS:  
D.L.O. WIDTH = WINDOW WIDTH - 3.625"  
D.L.O. HEIGHT = WINDOW HEIGHT - 3.625"

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. **15-0209.08**  
Expiration Date **08/22/2018**

By  
Miami Dade Product Control



NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED  
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		GLASS TYPE 'A'	
WIDTH (W)	LENGTH (L)	EXT. (+)	INT. (-)
36"	78"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
66"		90.9	90.9
72"		83.3	83.3
36"	84"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
66"		90.9	90.9
36"	84"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
66"		90.9	90.9
36"	90"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
66"		90.9	90.9
36"	96"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
66"		90.9	90.9
36"	102"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
66"		90.9	90.9
36"	108"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
66"		90.9	90.9
36"	114"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
66"		90.9	90.9
36"	120"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
66"		90.9	90.9

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

Engr: JAVAD AHMAD  
CML  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
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Expiration Date **08/22/2018**

By **Manuel Perez**  
Miami Dade Product Control

a f c

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 262-6978 FAX (305) 262-6978  
COMP-ANL\W13-11W

SERIES 300 ALUMINUM FIXED WINDOW (L.M.I.)

Labrador & Fundora Corp.  
dba-V & V Windows  
2355 West 4th Ave.  
Hialeah, FL 33010  
TEL. (305) 888-4151 FAX. (305) 888-1042

no	date	description	by
A	08.06.13	REV. PER COMMENTS	
B	01.22.15	UPDATED TO 2014 FBC	
C	07.28.15	REV. PER COMMENTS	

date: 04-11-13  
scale: 1/2"=1'-0"  
dr. by: K.Y.  
chk. by:

drawing no.  
**W13-11**  
sheet 1 of 3

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.  
SHUTTERS ARE NOT REQUIRED.

### SERIES 300 ALUMINUM FIXED WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER  
CHARTS SHOWN ABOVE.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE  
COMBINATIONS OF FIX./FX. OR FIXED WITH OTHER WINDOW TYPES  
IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY  
APPROVED MULLIONS IN BETWEEN.  
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL  
WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE  
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY  
HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER  
LOADS TO THE STRUCTURE.

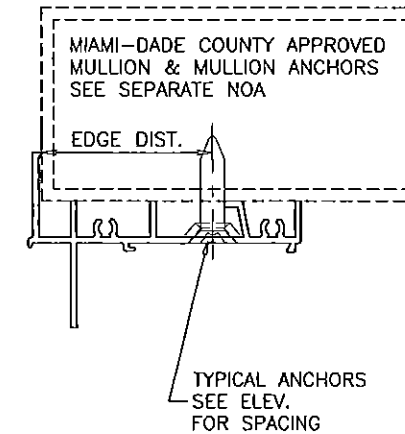
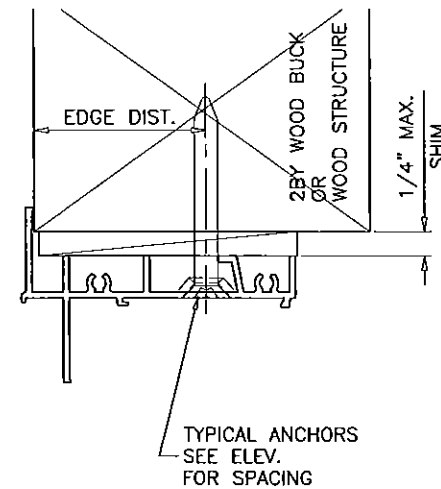
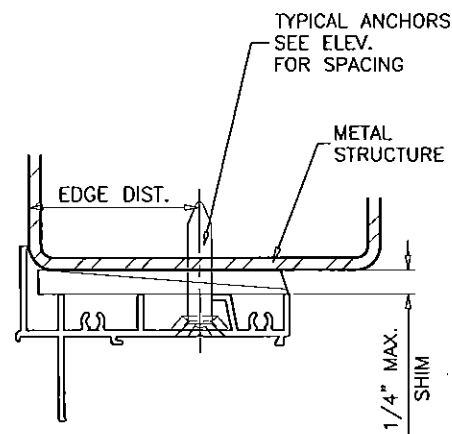
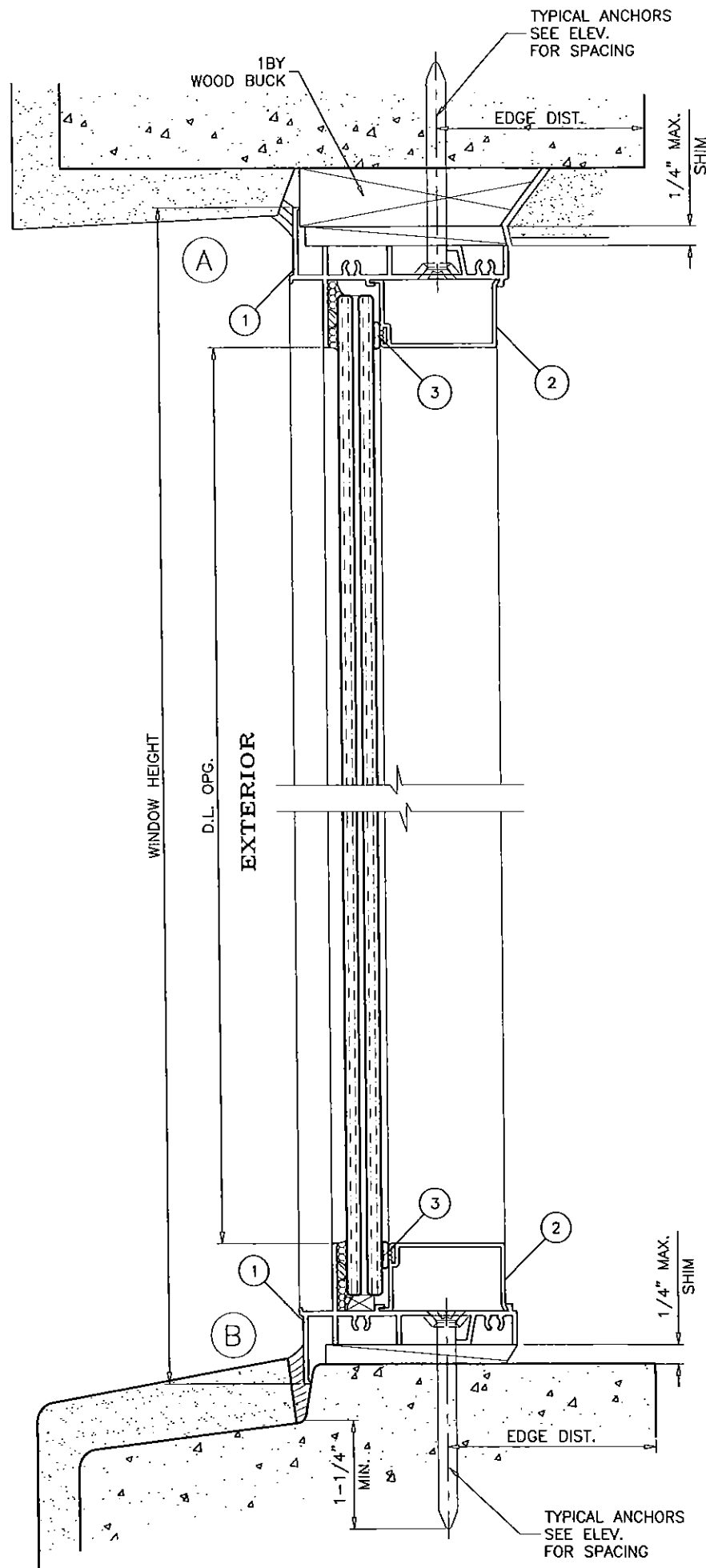
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS  
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE  
NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT  
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE  
REQUIREMENTS OF THE FLORIDA BLDG. CODE.



WOOD BUCKS AND METAL STRUCTURE NOT BY LABRADOR & FUNDORA CORP. dba-V & V WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

#### SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE-MOREHEAD SM5504 ACRYL-R SELF-LEVELING SEAM SEALER.

#### PERIMETER CAULKING:

SICAFLEX-15 LM ON THE EXTERIOR PERIMETER ONLY.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" DIA. ULTRACON BY 'ELCO'** ( $F_u=177$  KSI,  $F_y=155$  KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)

INTO METAL STRUCTURES

STEEL : 1/8" THK. MIN. ( $F_y = 36$  KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**#12 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")

(NO SHIM SPACE)

#### TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

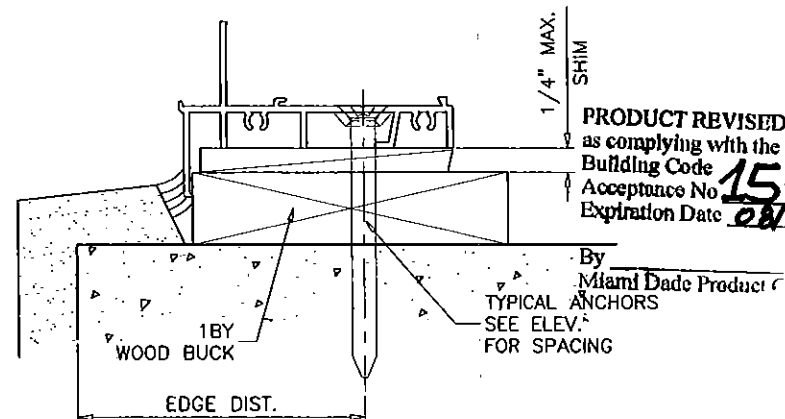
INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS  $f'_c = 3000$  PSI MIN.

90 HOLLOW/FILLED BLOCK AT JAMBS  $f'_m = 2000$  PSI MIN.



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Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

By *Manuel P. P. P.*  
JUL 31 2015  
Miami Dade Product Control

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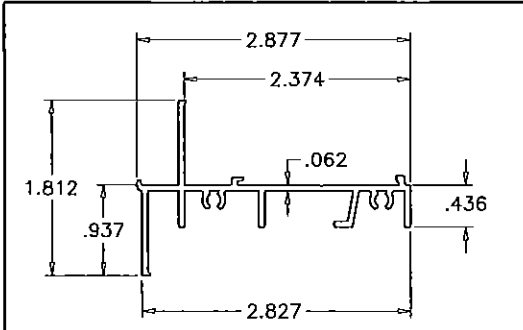
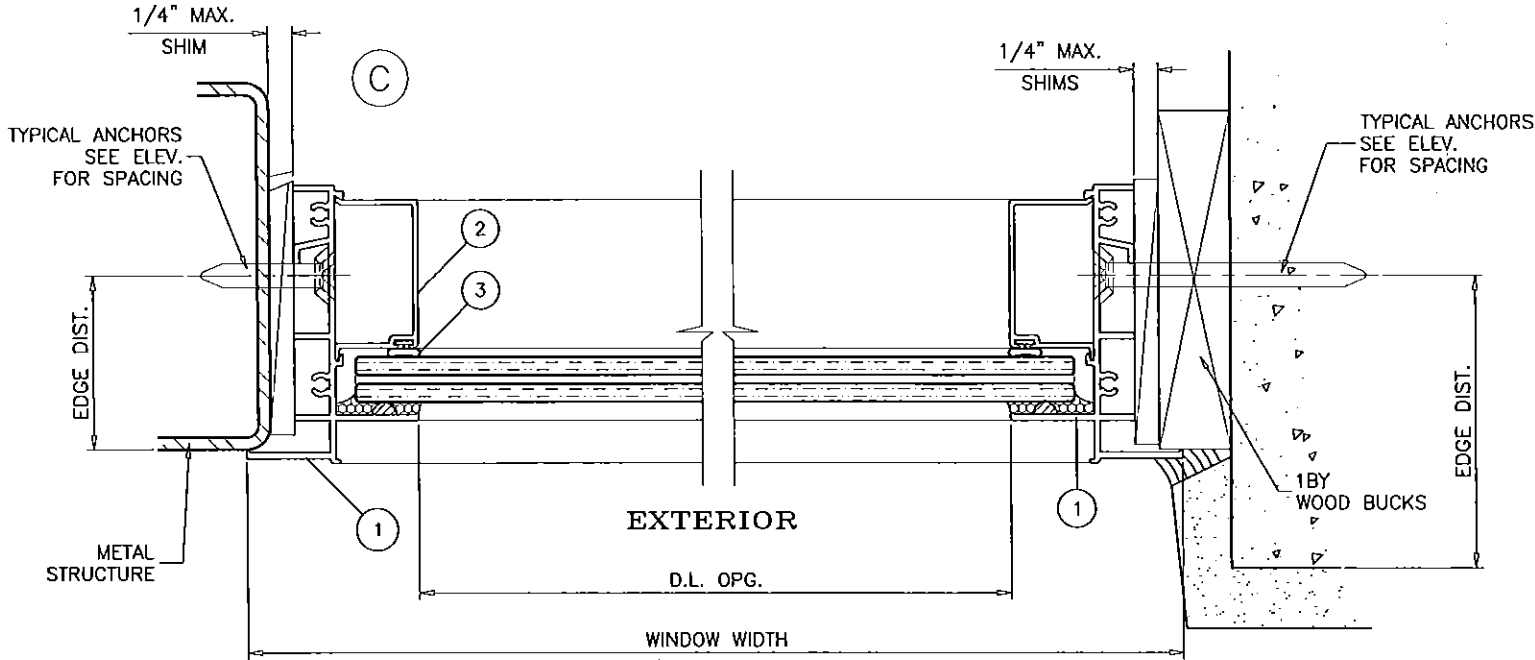
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W13-11V

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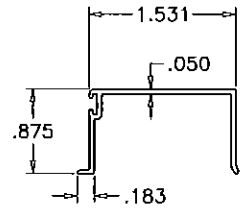
revisions:	no	date	by	description
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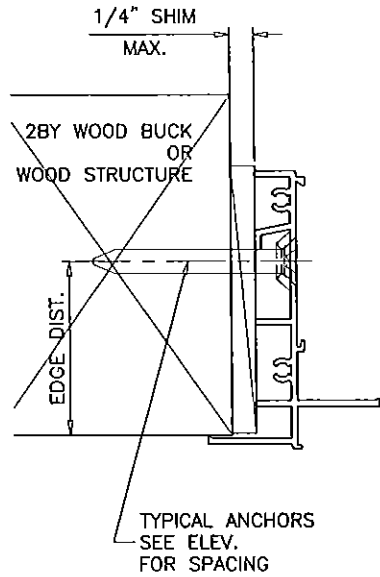
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	VW-011	1	FRAME HEAD/SILL/JAMB	6063-T6	-
2	VW-010	1	GLAZING BEAD	6063-T6	-
3	E203	AS REQD.	GLAZING BEAD BULB	NEOPRENE	ULTRAFAB, DUAL DUROMETER, T-SLOT=50, BULB=73
4	#8 X 1 1/4"	AS REQD.	FRAME ASSEMBLY SCREWS	-	PH SMS
5	-	2/ LITE	SETTING BLOCKS AT 1/4 POINTS	EPDM	ULTRAFAB, DUROMETER, 80±5 SHORE A
6	-	AS REQD.	GLASS SPACER (1/4" X 1/8")	SILICONE	FRANK LOWE, DUROMETER 60±5 SHORE A



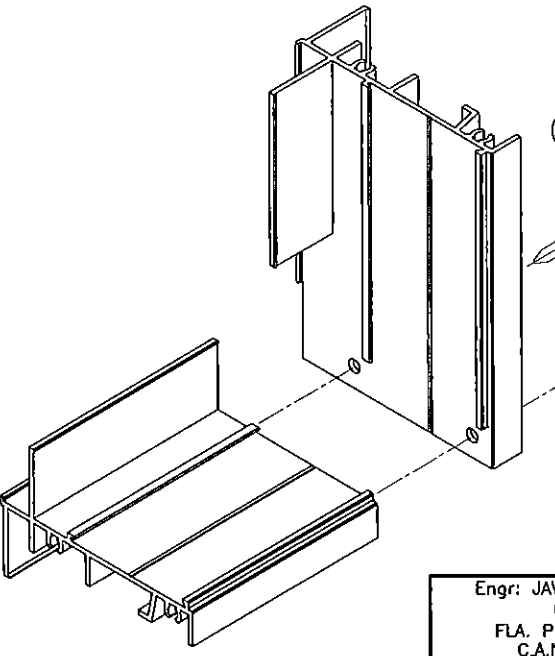
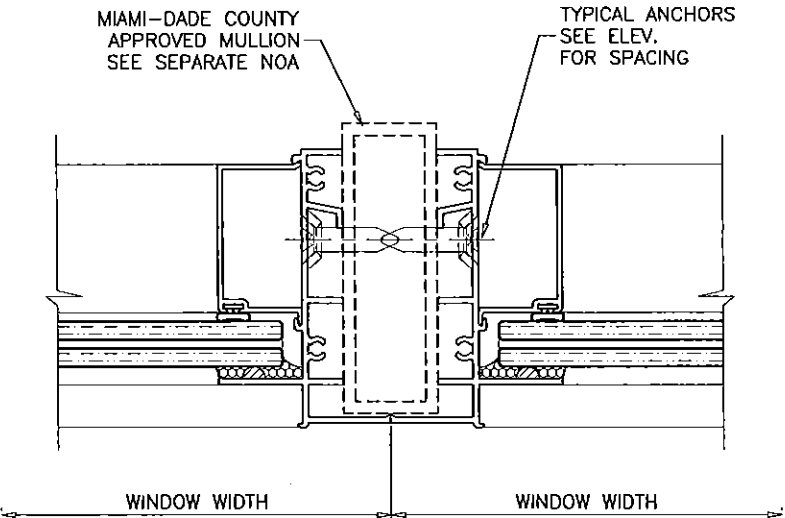
1 FRAME HEAD/SILL/JAMB



2 GLAZING BEAD



FRAME CORNER



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**JUL 31 2015**

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By **Manuel Perez**  
Miami Dade Product Control

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
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MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W13-11W

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sheet 3 of 3